

# THERMOPLASTIC RESINS MODIFIED BY COPOLYMERS BASED ON HEAVY ACRYLATES

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-40 to 97 parts of a thermoplastic polymer (M) forming a matrix, chosen from polyamides, polyamide block copolymers, fluoro polymers, polycarbonate, styrene resins, PMMA, thermoplastic polyurethanes (TPU), copolymers containing polyester blocks and polyether blocks, polycarbonate-polyester alloys, polyketones, PVC and ethylene-vinyl alcohol copolymers (EVOH),

either an ethylene-alkyl (meth)acrylate copolymer (B1), the alkyl having at least 5 carbon atoms, which copolymer (B1) carries a functional group

or a blend of an ethylene-alkyl (meth)acrylate copolymer (B2), the alkyl having at least 5 carbon atoms, which copolymer (B2) does not carry a functional group, and of an impact modifier which carries a functional group.

Figure 1 consists of 15 bar charts, labeled (a) through (o), arranged in a grid. Each chart shows the percentage of total protein in various fractions (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O) for different protein types (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O) across different conditions (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15). The charts are arranged in a grid, with some having multiple y-axes. The x-axis for all charts is 'Protein type' and the y-axis is 'Percentage of total protein'.